

An aerial photograph of a rural landscape. In the foreground, there's a green field with a small farmstead including a barn and a house. A winding river flows through the middle ground, surrounded by more green fields and some trees. The background shows a dense forest. The image is overlaid with a green header bar at the top and a blue footer bar at the bottom.

Chehalis Basin Long-Term Strategy Update

Andrea McNamara Doyle

Chehalis Basin Board Meeting
February 7, 2019

CHEHALIS BASIN STRATEGY

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“...must include a detailed set of actions to reduce flood damage and improve aquatic species habitat.

“...must include an implementation schedule and quantified measures for evaluating the success of implementation.”

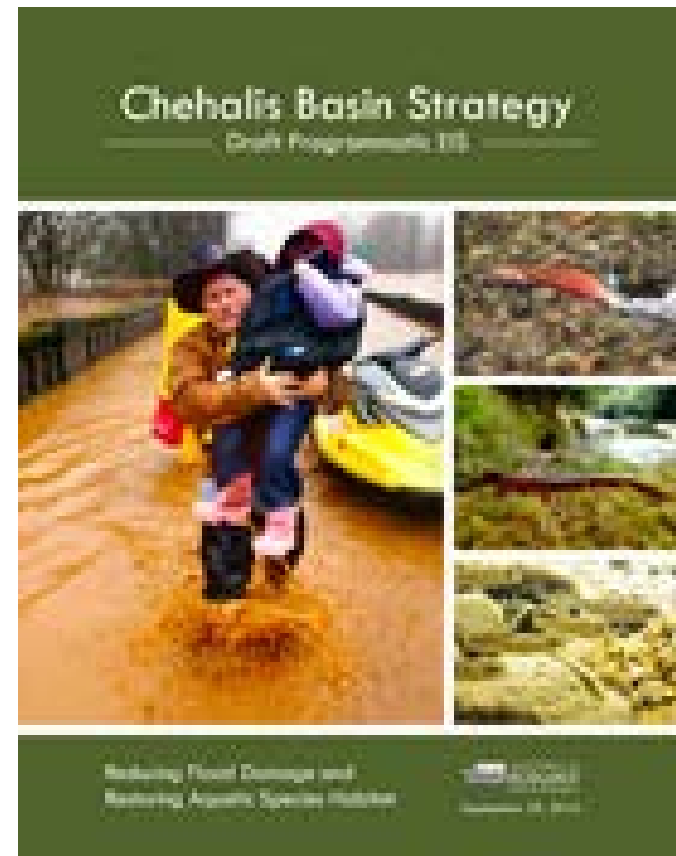
RCW 43.21A.732

Programmatic EIS

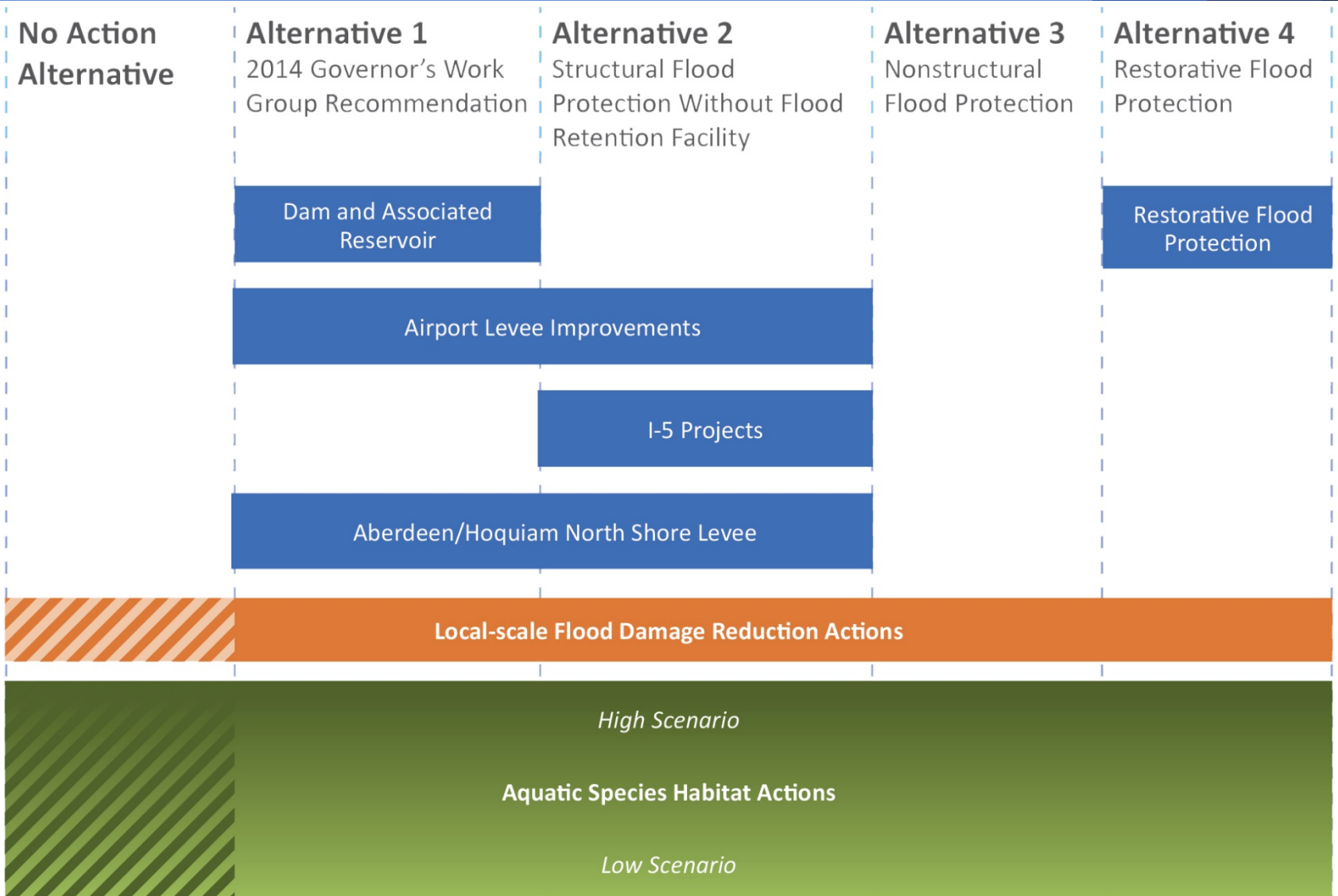
Purpose:

Evaluate potential alternatives and actions for basin-wide flood damage reduction and aquatic species habitat restoration.

Completed: Fall 2017

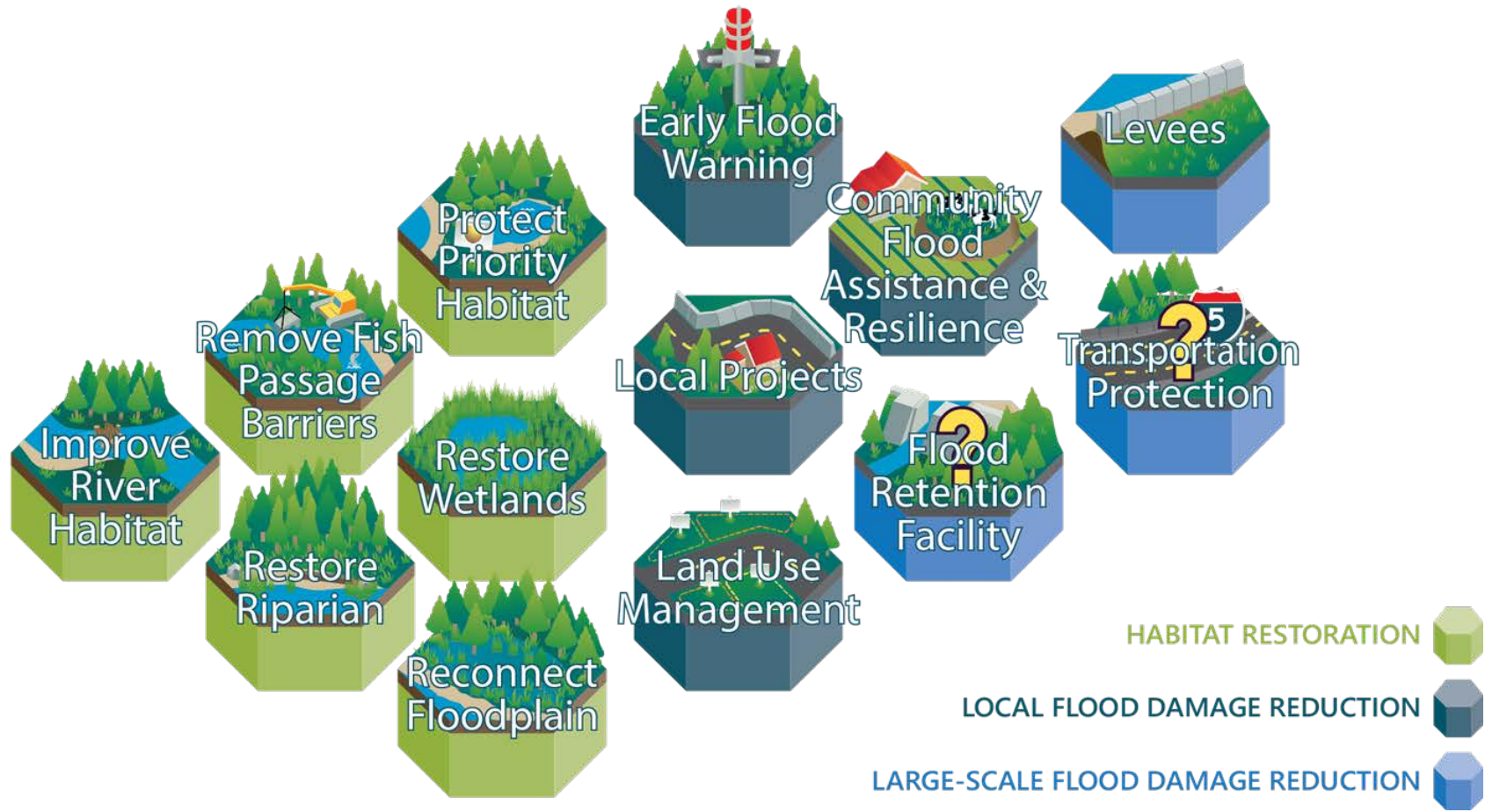


Programmatic EIS Alternatives



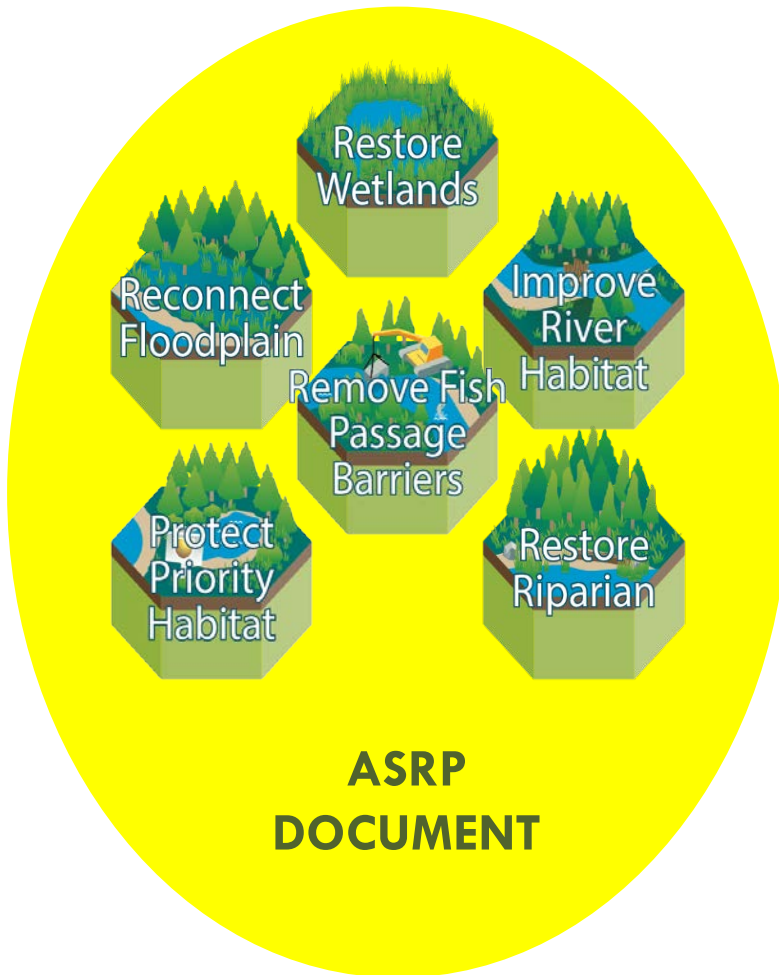
Suite of Actions Now In Progress & Under Consideration

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Aquatic Species Restoration Plan

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- Initial ASRP document released late 2017
- Early actions now underway
- Phase 1 ASRP available for public comment Summer 2019
- Seeking \$38M in State Capital Funds for 2019-2021
- Final Phase 3 ASRP incorporated into Chehalis Basin Strategy in Summer 2020.

Local Projects / Early Flood Warning

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**Local Projects /
Early Flood Warning**

- Seeking \$3.8M State Capital Funds for 2019-2021 local projects
- Local projects ongoing based on biennial project list
- Early flood warning system completed/in-place

CFAR / Land Use Management

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- Seeking \$3 Million State Capital Funds for 2019-2021 CFAR program
- Pursuing FEMA Grants
- Hiring Floodplain Coordinator
- Land use management recommendations will be incorporated within CFAR program

North Shore Levee

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**Aberdeen-
Hoquiam North
Shore Levee**

- Early project phases funded through Flood Authority local projects
- Currently undergoing environmental review/permitting
- Seeking \$10 Million State Capital Funds for 2019-2021

Project-Level SEPA/NEPA EISs



**Project-level
SEPA/NEPA EISs**

Purpose:

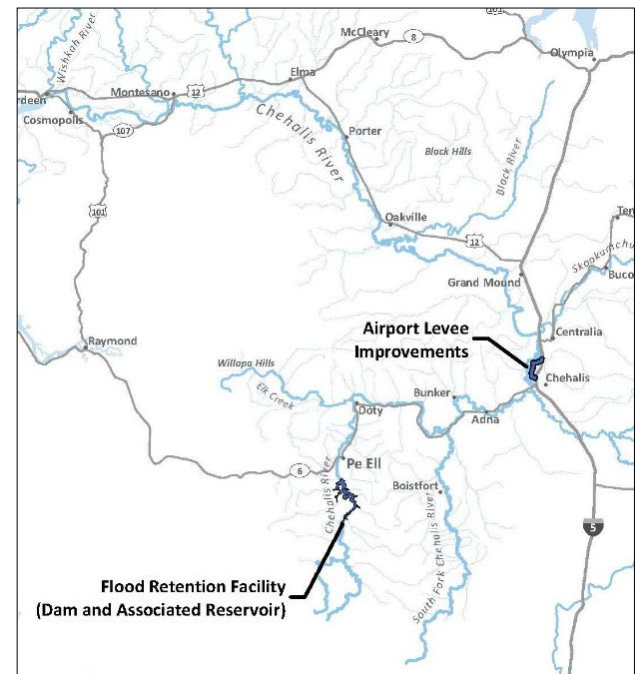
Evaluate environmental impacts of FCZD's Flood Damage Reduction Project to reduce flood damage in Chehalis & Centralia from storm events originating in the Willapa Hills.

Currently undergoing environmental review through SEPA and NEPA.

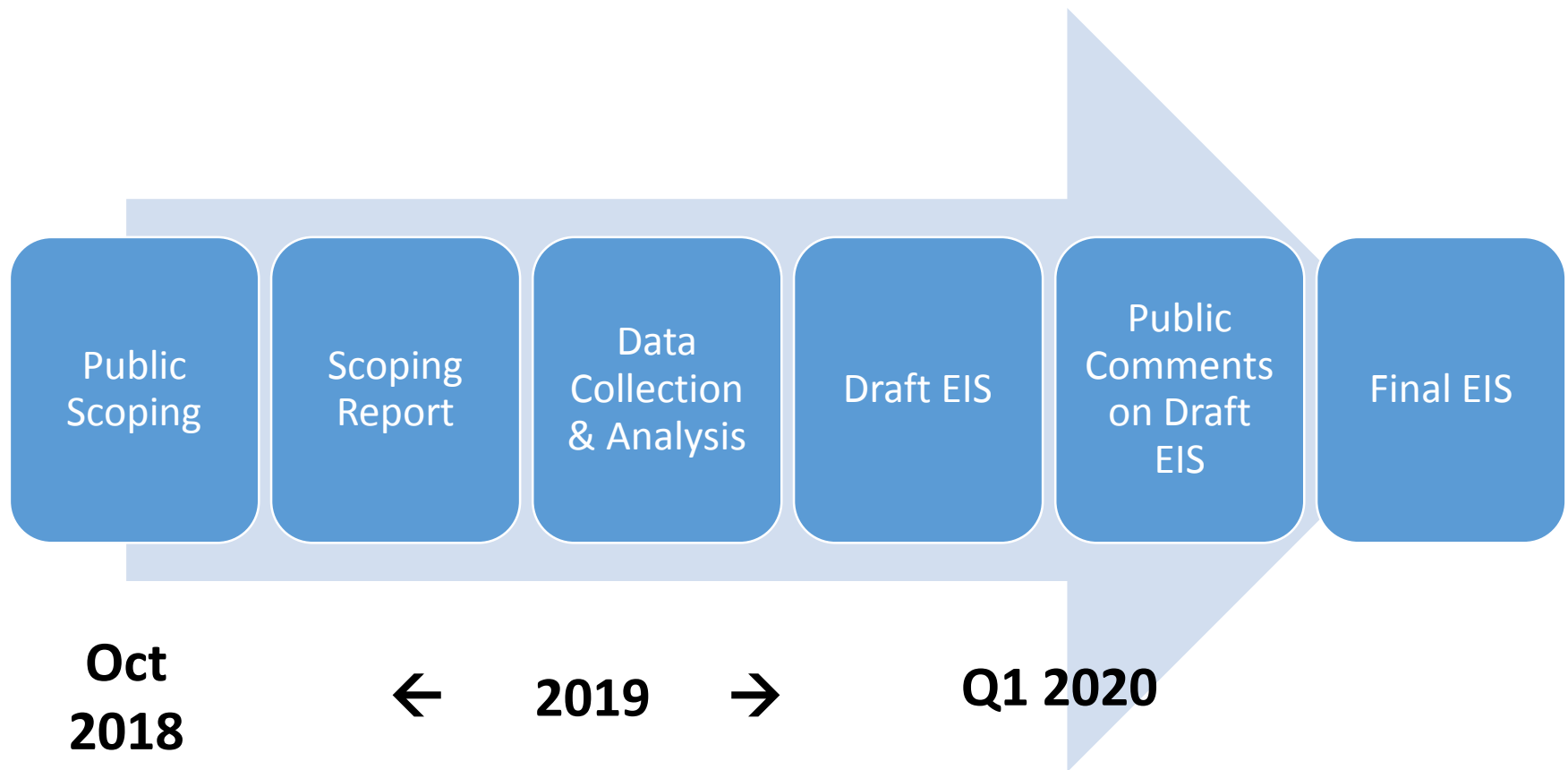
Project-Level SEPA/NEPA EISs

Focus:

- Geographic extent of probable significant environmental impacts from proposed project
- Reasonable alternatives to meet purpose & need of proposal
- Mitigation framework for proposed project



SEPA Project-Level EIS Timing



Long-Term Strategy

Purpose:

Achieve consensus on a comprehensive, integrated strategy for aggressively pursuing flood damage reduction and aquatic species habitat restoration over the long-term.



Long-Term Strategy & Investment Plan

Focus:

Basin-wide, detailed set of actions to:

- Improve aquatic species habitat &
- Reduce flood damage

Timeline:

Final Strategy Report Fall 2020,
(before 2021 Legislative session)



Integrated Strategy

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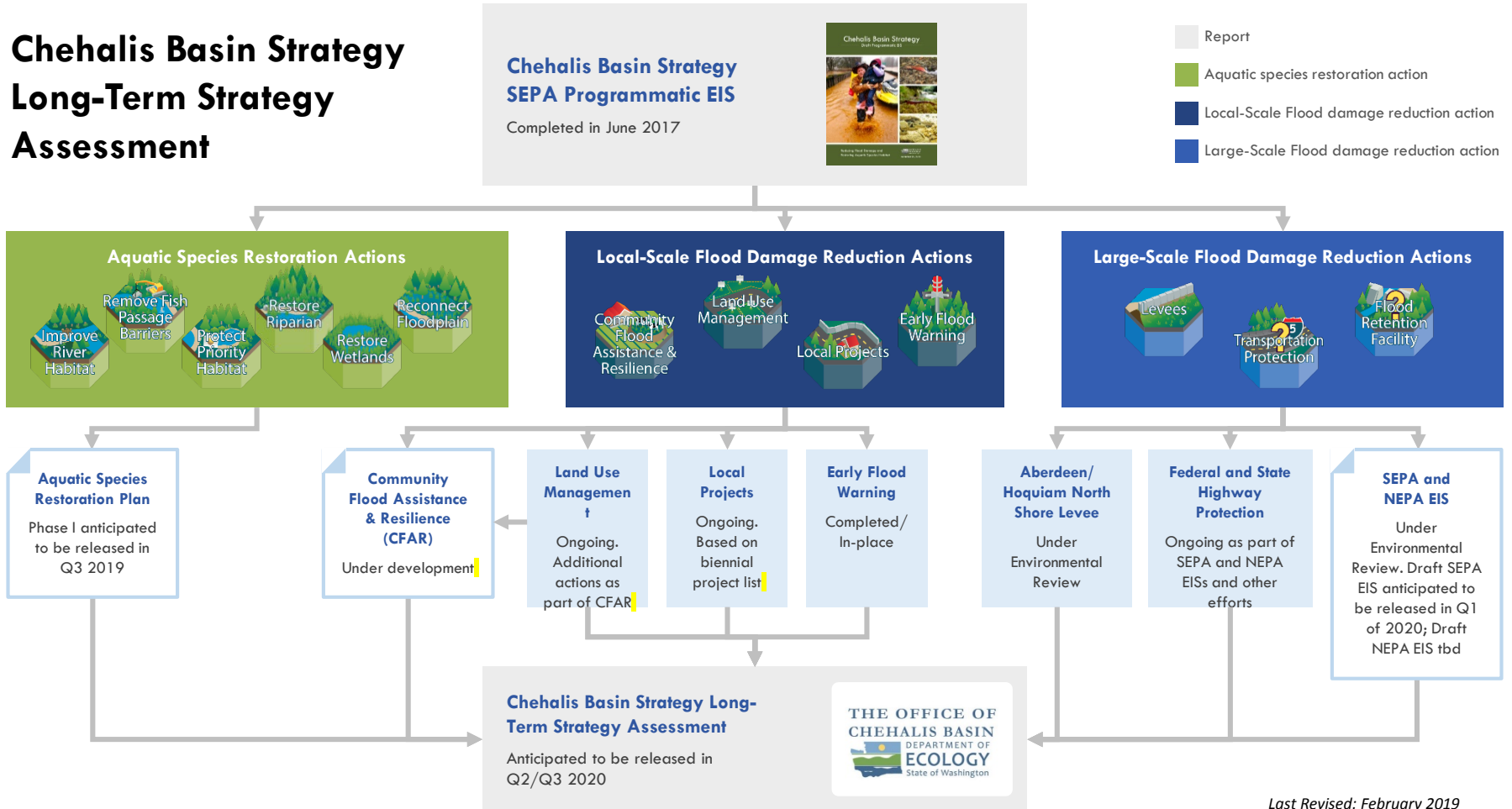


Integrating All Elements into Long-Term Strategy Assessment

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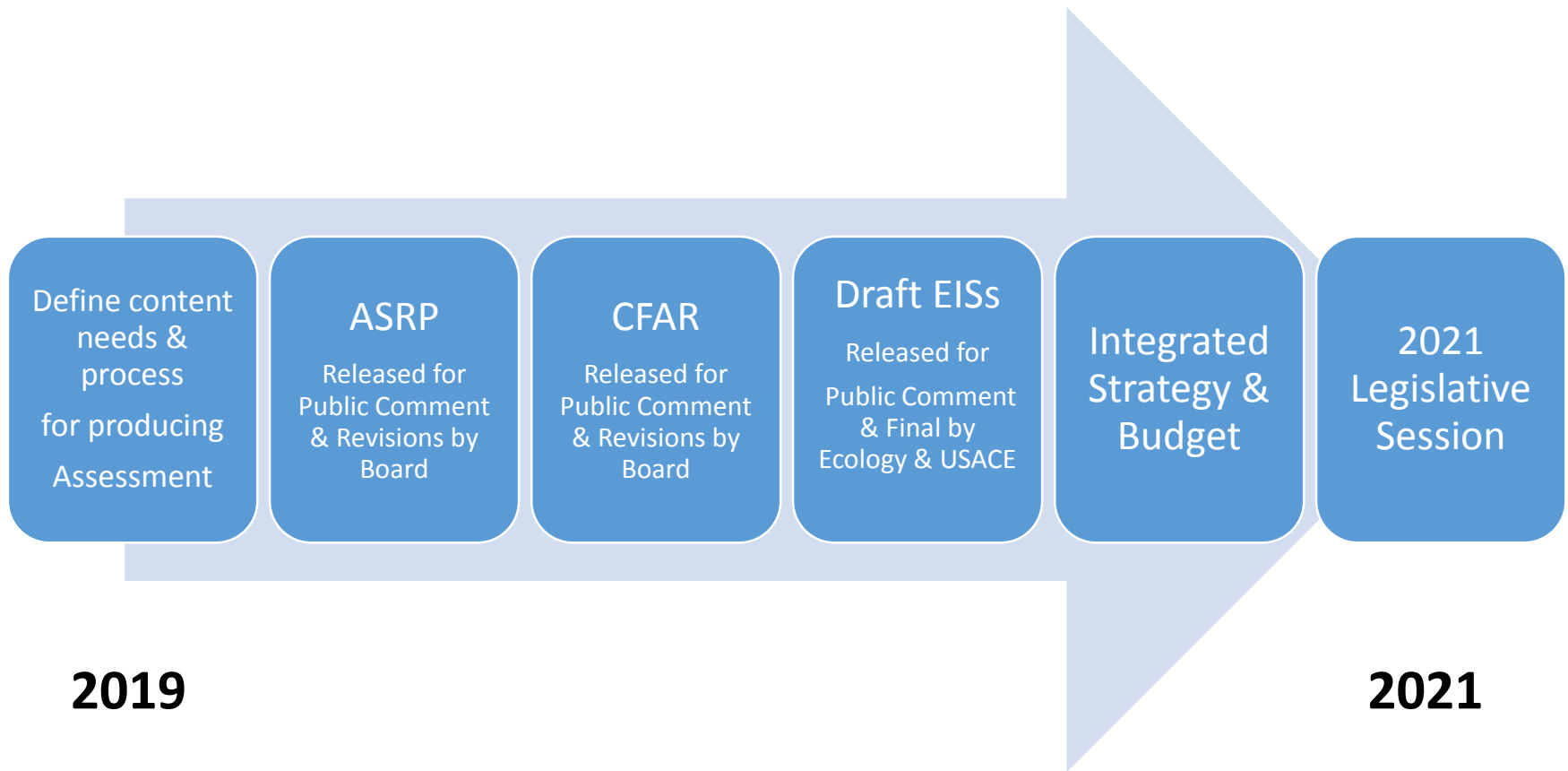


Chehalis Basin Strategy Long-Term Strategy Assessment



Last Revised: February 2019

Roadmap for Timing of Major Elements



Long-Term Strategy

More work will be needed on:

- Feasibility & detailed options for mitigation of flood retention facility
- Relationship of EIS mitigation to ASRP projects & results
- Landowner willingness (ASRP & CFAR)
- Long-term governance structure & adaptive management
- Overall level of investment, sequencing of actions, implementation schedule, quantified measures for evaluating the success of implementation

